

PATENT COOPERATION TREATY

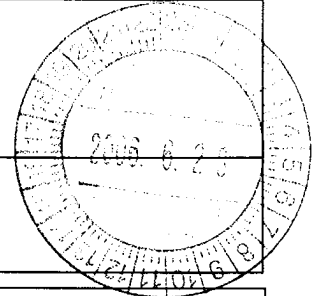
PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY



(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PCT05-008	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/KR2005/000539	International filing date(day/month/year) 26 FEBRUARY 2005 (26.02.2005)	Priority date (day/month/year) 27 FEBRUARY 2004 (27.02.2004)
International Patent Classification (IPC) or national classification and IPC G08G 1/0968(2006.01)i		
Applicant CARPOINT CO., LTD. et al		



<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (sent to the applicant and to the International Bureau) a total of <u>1</u> sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>

Date of submission of the demand 27 SEPTEMBER 2005 (27.09.2005)	Date of completion of this report 26 JUNE 2006 (26.06.2006)
Name and mailing address of the IPEA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer SEO, Hawthorne  Telephone No. 82-42-481-5670

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/KR2005/000539

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☐ publication of the international application (under Rule 12.4)
- ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
pages 1-6 _____ as originally filed/furnished
pages* _____ received by this Authority on _____
pages* _____ received by this Authority on _____
- ☒ the claims:
pages _____ as originally filed/furnished
pages* 7 _____ as amended (together with any statement) under Article 19
pages* _____ received by this Authority on _____
pages* _____ received by this Authority on _____
- ☒ the drawings:
pages 9, 10 _____ as originally filed/furnished
pages* _____ received by this Authority on _____
pages* _____ received by this Authority on _____
- ☐ the sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☒ the claims, Nos. 1, 3 _____
- ☐ the drawings, sheets _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/KR2005/000539

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>4, 5</u>	YES
	Claims	<u>2</u>	NO
Inventive step (IS)	Claims	<u>4, 5</u>	YES
	Claims	<u>2</u>	NO
Industrial applicability (IA)	Claims	<u>2, 4, 5</u>	YES
	Claims	<u>none</u>	NO

2. Citations and explanations (Rule 70.7)

The following documents are referred to;

D1 JP 2002-22474A

D1 discloses a navigation unit, which detects a next course changing crossing and the distance to this crossing from the current position of own vehicle and a recommended route, thereby judging to select a right or left turn. According to the result, it outputs a blinker indicator drive request, etc., to a head unit. This unit drives blinker indicators 16a, 16b disposed at both sides of the display to indicate a next course changing direction according to a signal from a navigation unit.

The amended claim 2 discloses a navigation device, including a display for displaying vehicle navigation information; a controller for calculating current location of the vehicle with respect to the set destination and outputting turning direction instruction signal for the vehicle comprising;

a pair of light emitting members protrusively installed on both ends of the body so that right and left are distinguishable, a pair of light emitting members selectively emitting light in correspondence to the turning direction instructing signal output from the controller.

Thus the subject matter of the amended claim 2 is still almost identical to the navigation system with blinker indicators described in the claims 3, 5 and 6 of D1.

The present application does not satisfy the criteria set forth in Article 33(2) and (3) PCT because the subject matter of claim 2 is not new in respect of prior art as defined in the regulations (Rule 64(1)-(3) PCT) and/or does not involve an inventive step (Rule 65(1)(2) PCT).

Thus the subject matter of claim 2 is neither novel nor inventive.